

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant	:	Brownlie et al.
App. No	:	10/522,513
Filed	:	June 22, 2006
For	:	CANINE RESPIRATORY CORONAVIRUS (CRCV) SPIKE PROTEIN, POLYMERASE AND HEMAGGLUTININ/ESTERASE
Examiner	:	Blumel, Benjamin P.
Art Unit	:	1648
Conf No.	:	3443

**AMENDMENT AND RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION  
PAPERS****Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Corrected Application Papers mailed from the United States Patent and Trademark Office dated June 1, 2010, please amend the Application as follows:

**Amendments to the Drawings** begin on page 2 of this paper. A “Replacement Sheet” for each sheet of drawings being amended can be found in the Appendix.

**Remarks/Arguments** begin on page 3 of this paper.